DE/EIA-0208 (83/45) **Energy Information Administration** st. Category UC-98 Washington, D.C. Veekly ⁾etroleum tatus Report ovember 10, 1983

The Weekly Petroleum Status Report (WPSR) provides timely information on the petroleum supply situation in the context of historical information, selected prices, and forecasts. The WPSR is intended to provide up-to-date information to the industry, the press, planners, policy-makers, consumers, analysts, and State and local governments. It is published each Thursday by the Energy Information Administration. The data contained in this report are based on company submissions for the week ending 7 a.m. the preceding Friday.

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DATA LINE

After 5 p.m. Eastern time on Wednesdays, key statistics from the next morning's issue of the Weekly Petroleum Status Report will be available on DATALINE, EIA's recorded message service. The number is 202/252-6342. After noon Eastern time on Fridays, the message will also contain key statistics from the next Monday's issue of Weekly

londay, Tuesday or Wednes-TALINE and publication one day.

number:

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report was prepared by the Energy Information Administration, ndependent statistical and analytical agency within the Department of gy. The information contained herein should not be construed as ocating or necessarily reflecting any policy position of the Department nergy or any other organization.

lighlights

efinery Operations

rude oil input to refineries averaged 11.7 million barrels per day for the four weeks ending November 4, 983. Refinery capacity utilization averaged 71.0 percent during the period. During the four weeks ading November 4, 1983, motor gasoline production averaged 6.2 million barrels a day, and distillate sel oil production averaged 2.6 million barrels a day.

tocks

n November 4, 1983, stocks of crude oil (excluding the Strategic Petroleum Reserve) stood at 357.9 sillion barrels. Stocks of product stood as follows: total motor gasoline at 221.7 million barrels; distillate sel oil at 160.0 million barrels; and residual fuel oil at 47.2 million barrels.

nports

let imports of crude oil (including imports for the Strategic Petroleum Reserve) and petroleum products agether averaged 4.7 million barrels a day for the four weeks ending November 4, 1983, about 5 percent pove the average a year ago. Gross imports of crude oil (excluding the Strategic Petroleum Reserve) veraged 3.3 million barrels a day for the four-week period ending November 4, 1983.

roducts Supplied

otal petroleum products supplied averaged 15.4 million barrels a day for the four-week period ending lovember 4, 1983, which is about 4 percent above the rate supplied a year ago. Motor gasoline was applied at a rate of 6.7 million barrels a day, which is about 5 percent above the rate supplied a year ago. Istillate fuel oil was supplied at a rate of 2.7 million barrels a day, about 4 percent above the rate supplied year ago.

lorid Crude Oil Price

he estimated weighted average international price of crude oil as of November 8, 1983, remains at \$28,67 barrel.

pot Market Product Price

or the week ending November 4, 1983, the average spot market price of 98 octane gasoline on the Rotteram market increased 29 cents to \$34.70 a barrel; the gasoil price increased 27 cents to \$34.25 a barrel, and the price of residual fuel oil increased 30 cents to \$28.08 a barrel. On the New York market, the averge spot price of 89 octane regular gasoline increased 71 cents to \$34.65 a barrel; the price of No. 2 heating il increased \$1.47 to \$34.65 a barrel also, and the residual fuel oil price increased 15 cents to \$28.25 a arrel.

	Four-Week A For Period		Percent	Na i 1	umulative ly Averages 307 Nays	Percent
	11/04/83	11/04/82	Change	1983	1982	Change
Crude Oil Supply						
Namestic Production!	E8,651	8,701	- 0.6	E8,663	8,649	0.2
) Net Imports (including SPK)"	3,38N	3,422	-1.2	3,189	3,266	-2.3
Gross Imports (Excluding SPR)	3,301	3,479	-5.1	3,112	3,337	-6.7
) SPR Imports Exports	238 E159	212 269	-41.1	245 E168	168 238	-29.7
SPR Stocks Withdrawn (+) or Added (-)	-252	-213	-41.1	-243	-178	-69.7
Other Stocks Withdrawn (+) og Added (-)	-147	-322		-25	39	
Products Supplied and Losses	E-67	-53		E-66	-63	
) Unaccounted-for Crude	121	212		183	92	
n) Crude Oil Input to Refineries	11,688	11,746	-0.5	11,701	11,804	-0.9
Other Supply						
1) NGL Production	E1,549	1,538	0.7	E1,546	1,537	0.6
2) Other Hydrocarbon Input and Alcohol Input	E49	65	-26.0	E53	53	0.4
3) Crude Oll Product Supplied	E65 555	51 538	26.7 3.3	E65 492	60 518	7.7 -4.9
1) Processing Gain 5) Net Product Imports	1,291	1,016	27.0	1,050	1,030	1.9
6) Gross Product Imports	1,749	1,663	5.2	1,638	1,605	2.1
7) Product Exports	E459	647	-29.2	É588	575	2.4
8) Product Stocks Withdrawn (+) or Added (~) ⁵	253	-80		163	299	
9) Total Product Supplied for Domestic Use	15,448	14,875	3.9	15,070	15,302	-1.5
roducts Supplied						
O) Motor Gasoline	6,723	6,411	4,9	6,609	6,535	1.1
) Naphtha-type Jet Fuel	180	194	-7.3	205	208	-1.3
2) Kerosene-type Jet Fyel	775	777	-0.2 4.2	827	796 2,670	3.9 -2.5
3) Distillate Fuel Oil'	2,679 1,338	2,570 1,501	-10.8	2,602 1,408	1,739	-19.0
4) Residual Fuel Oil ³ 5) Other Oils	3,753	3,423	9.6	3,419	3,353	2.0
6) Total Products Supplied	15,448	14,875	3.9	15,070	15,302	-1.5
					Percent Char	oo from
roleum Stocks Ilions of Barrels)	11/04/83	10/28/8	3 11/	n4/82	Previous Week	Year Ago
de Oil (Excluding SPR) ⁷	357.9	346.2	3!	51.6	3.4	NM
al Motor Gasoline	221.7	223.5		33.9	-0.8	NM
inished Motor Gasoline	184.4	186.4	19	92.1	-1.1	HM
lending Components	37.4	37.1		11.9	0.8	ผพ
htha-type Jet Fuel	5.9	6.4		6.3	-8.1	NM
osene-type Jet Fuel	37.7	36.8		34.5	2.3	NM NM
tillate Fuel Oil	160.0	163.6 46.8		71.7 53.9	-2.2 0.8	nm NM
Idual Fuel Oll	47.2 110.9	112.1		13.2	-1.1	-2.0
intshed ₈ 011s her Oils ⁸	E184.9	E185.8		74.4	-0.5	NM
	1 196 1	1,121.3	1 1	19.6	0,4	NM
cal Stocks (Excluding SPR) ude Oil in SPR	1,126.1 368.3	366.1		85.1	0.6	711.1
al Stocks (Including SPR)	1,494.4	1,487.4		34.7	0.5	
or acoera (the milling acit)	4914141	******	-1.		• **	

NM=Not meaningful because of different stock basis. See Appendix D.

E-Estimate based on monthly data.

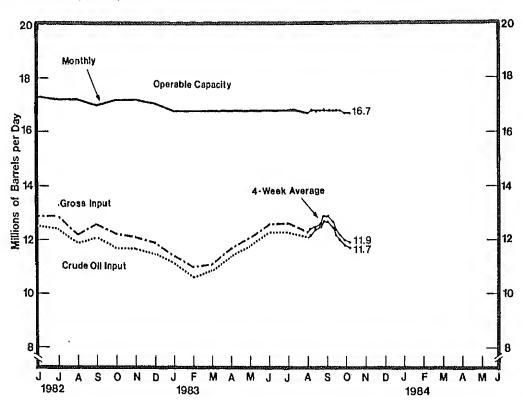
¹ Includes lease condensate.
2 Net Imports = Gross Imports (line 3) + SPR Imports (line 4) - Expor 3 In 1983 crude oil burned as fuel is treated as a product and a new ibeen created. In prior years crude oil burned as fuel was treated as idual and distillate fuel oil product categories and was an element oil ons of those products. Product supplied series for distillate and resithe second and fifth columns of the U.S. Petroleum Balance Sheet have Appendix D. Among the product supplied categories of the balance, cruded in other oils product supplied.
4 Includes unfinished oils and natural gas plant liquids for process Includes an estimate of minor product stock change hased on monthly 6 Other oils product supplied includes crude oil product supplied and 7 Includes crude oil in transit to refineries.
8 Included are stocks of all other oils such as aviation gasoline, no osene, petrochemical feedstocks, special naphthas, lube oils, wax, cokis. For the current two weeks, stocks of these minor products are est Note: Due to independent rounding, individual product detail may not a percentages shown are calculated using unrounded numbers.

SOURCES:

1081-1982: EIA, "Petroleum Supply Annual." Includes lease condensate.

^{1981-1982:} EIA, "Petroleum Supply Annual." 1983 Monthly Data: EIA, "Petroleum Supply Monthly." 1983 Four-Week Averages: Estimates based on EIA weekly data.

Refinery Inputs and Utilization (Millions of Barrels per Day)



Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981												······
Crude Oil Input	13.2	12.9	12.4	12.1	12.3	12.4	12.3	12.9	12.5	12.1	12.2	12.3
Gross Inputs	13.5	13.2	12.6	12.3	12.6	12.7	12.6	13,2	12.7	12.4	12.6	12.7
Operable Capacity	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.6	18.4	18.4	18.4
Percentage Utilization ¹	72.5	70.8	67.7	65.7	67.2	68.1	67.4	70.6	68.4	67.0	68.2	69.2
1982												
Crude Oil Input	11.6	11.2	11.3	11.4	11.8	12.5	12.4	11.9	12.1	11.7	11.7	11.5
Gross Inputs	12.0	11.6	11.7	11.8	12,2	12.9	12.9	12.2	12.6	12.2	12.1	11.9
Operable Capacity	17.9	17.8	17.8	17.8	17.8	17.3	17,2	17.2	17.0	17.2	17.2	17.1
Percentage Utilization ¹	67.0	65.1	65.5	66.2	68.8	74.9	74.9	71.0	73.9	70.6	70.6	69.7
1983												
Crude Oil Input	11.1	10.6	10.9	11.4	11.8	12.3	12.3	12.1				
Gross Inputs	11.4	11.0	11,1	11.7	12.1	12.6	12.6	12.3				
Operable Capacity	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7				
Percentage Utilization ¹	67.9	65.4	66.0	69.3	71.6	74.9	74.9	73.7				
Average for Four-Week Pe	riod Endir	na:										
1983	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4		
Crude Oil Input	12.2	12.4	12.5	12.7	12.7	12.5	12.2	12.0	11.8	447		* +1.00.41
Gross Inputs	12.4	12.5	12.6	12.9	12.9	12.7	12,4	12.0	12.0	11.7		
Operable Capacity	E16.8	E16.8	E16.8	E16.8	E16.8	E16.8	E16.8	E16.8	E16.7	11.9		
Percentage Utilization ¹	73.6	74.6	75.2	76.6	76.6	75.5	73.7	72.5	71.7	E16.7		
		77.0	70.2	70.0	70.0	70.0	13.1	12,0	71,7	71.0		

E=Estimate based on most recent monthly data.

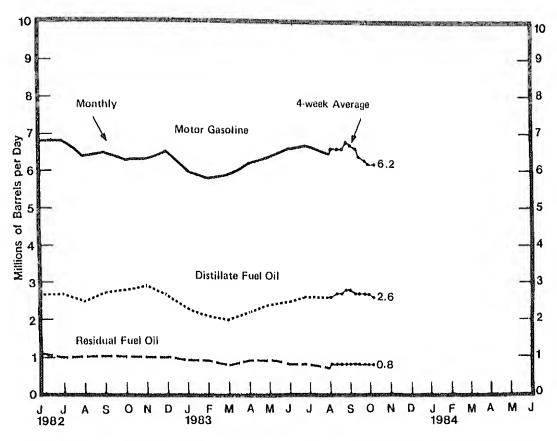
1 Percentage utilization is calculated as gross inputs divided by operable capacity. See glossary. Percentages are calculated using unrounded numbers.

Source:

Monthly Data: 1981—1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

Four-Week Averages: Estimates based on EIA weekly data.

U.S. Refinery Production by Product (Millions of Barrels per Day)



Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981							-	_				
Motor Gasoline	6.7	6.3	6.2	6.1	6.1	6.2	6.4	6.6	6.6	6.4	6.6	6.6
Jet Fuel	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.9
Distillate Fuel Oil	3.0	2.8	2.5	2.4	2.5	2.5	2,4	2.7	2.6	2.5	2.7	2.9
Residual Fuel Oil	1.6	1.6	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3
1982												
Motor Gasoline	6.2	5.9	6.0	6.1	6.3	6.8	6.8	6.4	6.5	6.3	6.3	6.5
Jet Fuel	0.9	1.0	1.1	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9
Distillate Fuel Oil	2.6	2.4	2.3	2.4	2.6	2.7	2.7	2.5	2.7	2.8	2.9	2.7
Residual Fuel Oil	1.2	1.2	1.1	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
1983												
Motor Gasoline	6.0	5.8	5.9	6.2	6.4	6.6	6.7	6.5				
Jet Fuel	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
Distillate Fuel Oil	2.3	2.1	2.0	2.2	2.4	2.5	2.6	2.6				
Residual Fuel Oil	0.9	0.9	8.0	0.9	0.9	8.0	8.0	0.7				
Average for Four-V	Voek Per	iod Endi	na:									
1983	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4		
Motor Gasoline	6.6	6.6	6.6	6.8	6.7	6.6	6.4	6.3	6.2	6.2		
Jet Fuel	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0		
Distillate Fuel Oil	2.6	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.6		
Residual Fuel Oil	0.8	0.8	0.8	0.8	0.8	8.0	8,0	8.0	0.8	8.0		
	0.0	0.0	0,0	0.0	٠.٠							

Note: Production statistics represent net production (i.e., refinery output minus refinery input).

Source: • Monthly Data: 1981--1982, EIA, "Petroloum Supply Annual," 1983, EIA, "Petroloum Supply Monthly."

• Four-Week Averages: Estimates based on EIA weekly data.

Stocks of Crude Oil and Petroleum Products, U.S. Totals (Millions of Barrels)

Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981												
Crude Oil ²	374.0	378.2	393.0	397.5	393.7	384.7	385.9	362.0	356.0	364.0	366.0	363,5
Motor Gasoline	276.1	284.0	285.0	272.1	258.3	241.6	227.7	233,3	237.1	236.1	248.4	253.0
Finished Gasoline	226.3	229.6	232.1	223.2	212.6	194.0	185.7	188.6	190.7	190.5	200.6	203,4
Blending Components	49.B	54.4	52.9	48.9	45.7	47.6	42.0	44.7	46.4	45.6	47.B	49.5
Jet Fuel	39.5	38.6	39.0	40.4	44.5	44.9	44.8	44.7	43.1	42.7	42.0	41.1
Distillate Fuel Oil	179.4	172.5	164.3	164.6	171.8	179.9	186.3	200.2	207.3	201.2	200.1	191.5
Residual Fuel Oil	82.1	77.9	74.8	72.9	78.1	69.4	69,3	74.9	80.2	79.9	81.4	78.0
Unfinished Oils	121.5	122.3	126.2	126.5	126.3	126.1	126.1	124.5	118.4	119,5	116.4	111.3
Other Oils	202.7	199.1	198.1	206.5	208.5	220.5	225.4	232.8	234.6	226.7	224.6	214.9
Total Stocks (Excl. SPR)	1,275.3	1,272.5	1,280.3	1,280.5	1,288.3	1,267.1	1,265.4	1,272.5	1,276.7	1,270.0	1,278.9	1,253.3
Crude Oil in SPR	112.5	116.1	120.9	134.2	150.1	163.1	173.1	184.7	199.2	214.8	222.5	230,3
Total Stocks (Incl. SPR)	1,387.8	1,388.5	1,401.2	1,414.8	1,438.3	1,430.2	1,438.5	1,457.2	1,476.0	1,484.8	1,501.5	1,483.6
1982												
Crude Oil ²	371.0	371.B	360.7	354.8	348.5	344.1	345.7	352.9	340.7	351.0	357.6	349.7
Motor Gasoline	260.8	256.6	246.5	221.3	213.9	218.5	225.9	226.9	233.6	234.4	230.0	235.4
Finished Gasoline	213.2	208.4	198.1	178.6	173.1	177.1	182.7	185.2	191.1	192.4	189.3	194.4
Blending Components	47.6	R48.3	48.5	42.7	40.8	41,4	43,2	41.8	42.5	42,0	40.7	40.9
Jet Fuel	36.9	R36.9	42.5	44.1	41.7	39.9	39.8	40.7	39.6	40.9	40.7	36.8
Distillate Fuel Oil	164.4	147.4	126.3	108.0	113.6	123,7	148.1	158.7	161.2	170.1	185.6	178.6
Residual Fuel Oil	68.7	58.5	5B.1	53.6	59.0	60.7	58.9	52.6	61.8	63.6	66.4	66.2
Unfinished Oils	115.9	116.5	115.9	119.1	118.2	118.0	117.8	116.8	117.8	113.3	111.8	105.3
Other Oils	203.0	199.1	193.3	189.2	190.8	191,1	190.1	186.4	181.3	174.6	173.3	164.1
Total Stocks (Excl. SPR)	1,220.6	1.186.9	1.143.4	1,090.0	1.085.7	1,096,0	1,126.3	1,134.9	1,136,1	1,147.8		1,136.1
Crude Oil in SPR	235,3	241.2	248.5	255.5	261.0	264.1	267.2	273,6	277.9		1,165.2	293.8
Total Stocks (Incl. SPR)	1,455.9	1,428.2	1,391.9	1,345.6	1,346.7	1,360.2	1,393.5	1,408.5	1,414.0	284.6 1,432.4	290.0 1,455.2	1,429.9
1983												
Crude Oil ²	360.9	366.0	358.6	205.0	254.0	000.0	240.0	255.4				
Motor Gasoline				365.8	354.6	353.8	342.0	355.1				
	250.9 208.3	251.1	224.0	220.8	224.6	223,2	230,6	226.4				
Finished Gasoline		207.4	183.7	182.9	186.8	183,3	189,8	184.8				
Blending Components Jet Fuel	42.6	43.8	40.3	37.9	37.8	39,9	40.8	41,6				
	41.7	40.5	42.2	40.3	41.3	41.3	41.7	40.2				
Distillate Fuel Oil	168.2	147.4	118.7	103.2	109.2	113.8	131.0	143.5				
Residual Fuel Oil	60.7	53.1	46.3	46.6	50.9	50.1	51.9	48.3				
Unfinished Oils	110.3	108.3	111.3	114.1	112.4	110.1	107.1	110.5				
Other Oils	159.6	159.3	162.5	167.2	177.2	184.4	189.2	191.5				
Total Stocks (Excl. SPR)	1,152.2	1,125.7	1,063.6	1,057.9	1,070.3	1,076.8	1,093,5	1,115.6				
Crude Oil in SPR	300.6	306.1	311.8	317.7	326.8	332,5	340.7	351.8				
Total Stocks (Incl. SPR)	1,452.8	1,431.9	1,375.4	1,375.7	1,397.1	1,409.3	1,434.2	1,467.4				
Week Ending: 1983 ³	9/2	9/9	9/16	5100	- 1							
	912	9/9	9/10	9/23	9/30	10/7	10/14	10/21	10/28	11/4		
Crude Oil ²	350.8	348.3	350.0	350.1	350.9	353.8	356.3	353.7	346.2	357.9	-	
Motor Gasoline	223.0	227.4	228.6	228.4	229.1	226.7	226.4	224.2	223.5	221.7		
Finished Gasoline	184.1	188.6	190.8	190.7	191.8	189.9	189.4	186.9	223.5 186.4	184.4		
Blanding Components	38.9	38.9	37.8	37,7	37.3	36.8	36.9	37.3		37.4		
let Fuel	39.4	39.7	40.4	41.5	41.5	40.7	43.2	42.8	37.1	43,6		
Distillate Fuel Oil	142.8	146.7	150.4	153.8	153.5	157.0	157,7		43.2			
Residual Fuel Oil	46.3	44.8	46.1	48.8	46.8	46.9	48.0	161.6	163,6	160.0		
Unfinished Oils	111.7	111.3	112.7	112.2	113.2	113,0	110.8	46.7	46.8	47.2		
Other Oils ⁴	E194.4	E194.3	E194.3	E192.2	E192.2	E191.0		112.8	112.1	110,9		
Total Stocks (Excl. SPR)	1,108.4	1,112.6	1,122,5	1,127.1	1,127.3		E189.5	E188.0	E185.8	E184.9		
Crude Olf in SPR	351,8	353.3	355,7	35B.3	360.5	1,129.1	1,131.9	1,129.9	1,121.3	1,126,1		
Total Stocks (Incl. SPR)	1,460.2	1,465.9	1,478.2	1,485.4		361.3	364.9	365.2	366.1	368.3		
		.,	1,710,6	1,400.4	1,487.7	1,490.4	1,496,8	1,495.1	1,487.4	1,494.4		

E=Estimated. See definition of "Stock Change (Refined Products)" for explanation of other oils estimate mathodology.

1 Product stocks include those stocks held at refineries, in pipelines, and at major bulk terminals. Stocks held at natural gas processing plants are included in "Other Oils" and In totals. All stock levels are as of the end of the period.

2 Crude oil stocks include those stocks held at refineries, in pipelines, in lepse tanks, and in transit to refineries, and do not include those held in the Strategic Petroleum Reserve.

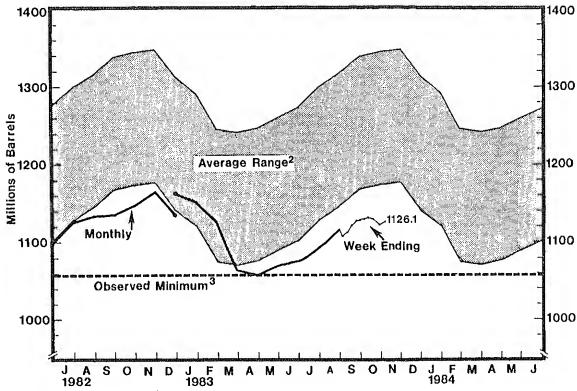
3 See Appendix D for explanation of the 1983 new stock basis.

4 Weekly totals for stocks of other oils are estimated using monthly data. Other oils include kerosens, eviation gasoline, natural gas liquids including ethane, petrochemical feedstocks, special naphthas, lube oil, wax, coke, asphalt, road oil, and miscellaneous oils.

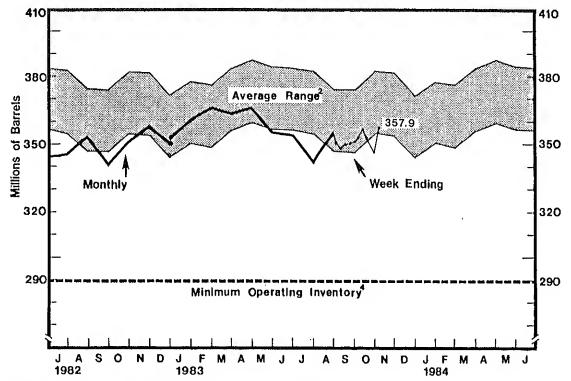
Source: • Monthly Data: 1981–1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

• Week-Ending Stocks: Estimates based on EIA weekly data.

Stocks of Crude Oil and Petroleum Products, U.S. Total¹ (Millions of Barrels)



Stocks of Crude Oil, U.S. Total¹ (Millions of Barrels)



¹ Excludes stocks held in the Strategic Petrolaum Reserve and includer crude oil in trensit to refinerles. See Appendix D for explanation of the 1983 new stock basis,
2 Average level, width of everage range, and observed minimum are Lared on three years of monthly date: July 1980—June 1983. The seasonat pattern is based on seven years of monthly
deter: January 1976—December 1982, See Appendix B for further explanation.
3 The observed minimum for totel stocks in the last three-year period July 1980—June 1983, was 1057.9 million barrels. It occurred in April 1983. See Appendix B for further explanation,
4 The National Petroleum Councit defines the Minimum Operating Inventory as the minimum level required for routine operation. In their 1979 study, they defined this inventory level for crude oil
to be 290 million barrels. See Appendix B for further explanation. The 1579 study is currently under review.

Source: o Ranges and Seasonal Patterns: 1976—1980, EIA, "Petroleum Studens Summery)," 1981—1982, EIA, "Petroleum Supply Annuel,"

o Monthly Date: 1982, EIA, "Petroleum Supply Annuel," 1983, EIA, "Petroleum Supply Monthly."

Stocks of Motor Gasoline by Petroleum Administration for Defense District (Millions of Barrels)

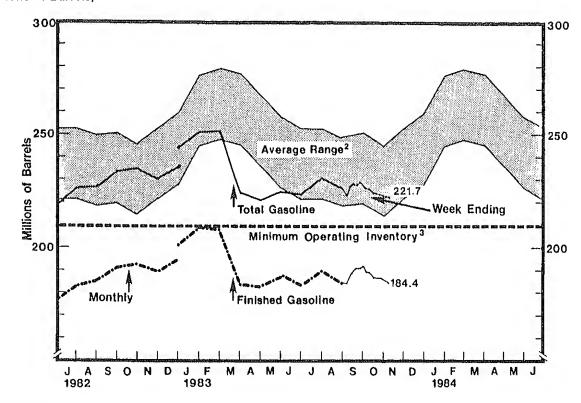
Year/District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981									*****			·
Finished Gasoline	226.3	229.6	232.1	223.2	212.6	194.0	185.7	188.6	190.7	190.5	200.6	203.4
Blending Components	49.8	54.4	52.9	48.9	45.7	47.6	42.0	44.7	46.4	45.6	47.8	49.5
Total Gasoline	276.1	284.0	285.0	272.1	258,3	241,6	227.7	233,3	237.1	236.1	248.4	253,0
East Coast (PAD 1)	71.7	74.2	79.5	77.9	73,1	69.5	62.7	64.3	69.6	69.6	69.7	69.5
Midwest (PAD 2)	86.0	90.4	89.7	84.2	80.1	72.4	65.9	66.7	65.3	66.0	69.2	72.6
Gulf Coast (PAD 3)	77.2	79.6	78.5	76.2	72.2	65.9	64.0	68.6	68.5	65.0	70.6	69.5
Rocky Mountain (PAD 4)	9.7	10.3	10.2	9.4	8.6	7.4	6.5	6.0	5.8	6.3	7.7	8.5
West Coast (PAD 5)	31.5	29.5	26.9	24.4	24.3	26.3	28.6	27.8	27.9	29.2	31.2	32.9
1982												
Finished Gasoline	213.2	208.4	198.1	178.6	173.1	177.1	182.7	185.2	191.1	192.4	189.3	194.4
Blending Components	47.6	48.3	48.5	42.7	40.8	41.4	43.2	41.8	42.5	42.0	40.7	40.9
Total Gasoline	260.8	256.6	246,5	221.3	213.9	218.5	225.9	226.9	233.6	234.4	230.0	235.4
East Coast (PAD 1)	71.9	69.7	66.8	61.4	63.6	65.5	63.1	62.5	63.5	63.5	66.1	67.5
Midwest (PAD 2)	77.7	78.4	74.0	62.7	56.1	56.4	62.8	65.8	69.3	67.0	64.0	65.3
Gulf Coast (PAD 3)	70.2	69.3	68.0	63.2	63.5	64.9	66.0	65.2	67.5	69.8	65.5	66.2
Rocky Mountain (PAD 4)	9.6	9.9	10.1	9.0	7.7	6.5	5.8	5.5	5.7	6.5	7.1	8.5
West Coast (PAD 5)	31.4	29.3	27.6	25.0	23,2	25.3	28.1	27.9	27.7	27.6	27.2	27.9
1983 ¹												
Finished Gasoline	208.3	207.4	183.7	182.9	186.8	183.3	189.8	1040				
Blending Components	42.6	43.8	40.3	37.9	37.8	39.9		184.8				
Total Gasoline	250.9	251.1	224.0	220.8	224.6	223.2	40.8	41.6				
East Coast (PAD 1)	69.9	66.0	55.4	60.8	63.6		230.6	226.4				
Midwest (PAD 2)	75.3	77.2	68.3	65.4	64.6	61.3	64.3	62.6				
Gulf Coast (PAD 3)	65.0	66.6	66.3	62.7	64.0	63.7	64.6	64.8				
Rocky Mountain (PAD 4)	9.4	9.4	8.3	7.9		64.7	65.1	62.3				
West Coast (PAD 5)	31.3	31.9	25.8	24.1	7.4	6.7	6.4	5.9				
, in the second of the second	91.0	51.5	23.0	24.1	25.0	26.9	30.2	30.8				
Neek Ending:												
19831	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4		
Finished Gasoline	184.1	188.6	190.8	190.7	191.8	189.9	100.4	100.0	100.1			
Blending Components	38.9	38.9	37.8	37.7	37.3	36.8	189.4	186.9	186.4	184.4		
Total Gasoline	223.0	227.4	228.6	228.4	229.1	226.7	36.9	37.3	37.1	37.4		
East Coast (PAD 1)	61.6	63.3	63.8	64.5	65.1	63.4	226.4	224.2	223.5	221.7		
Midwest (PAD 2)	64.4	65.0	65,9	65.6	64.6		64.2	62.2	60.9	60.5		
Gulf Coast (PAD 3)	60.7	62.5	62.1	62.7	64.0	66.0	64.2	63,5	65,1	63.2		
Rocky Mountain (PAD 4)	5.8	6.1	5.7	5.8		63.8	65.6	66,3	65.9	66.5		
West Coast (PAD 5)	30.5	30.5	31.1	29.8	6.3 29.1	5.9	5.7	5.7	6.0	6.1		
	5	0,00	91.1	20.0	45.I	27.6	26.7	26.5	25.6	25.6		

¹ See Appendix D for explanation of the 1983 new stock basis.

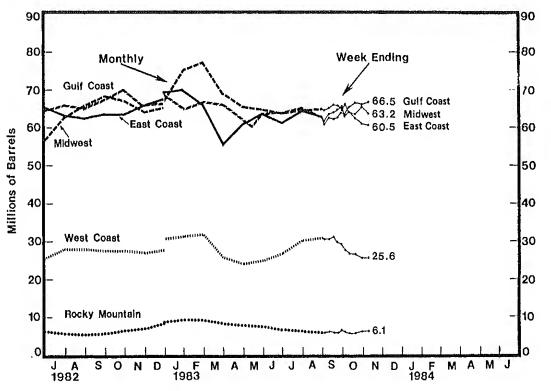
Note: PAD district data may not add to total due to independent rounding.

Source: # Monthly Data: 1981—1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

• Week-Ending Stocks: Estimates based on EIA weekly data.



Stocks of Motor Gasoline by Petroleum Administration for Defense District¹ (Millions of Barrels)



¹ See Appendix D for further explanation of the 1983 new stock basis.
2 Average level and width of average range for total motor gasoline are based on three years of monthly data; July 1980—Junu 1983. The seasonal pattern is based on six years of monthly data; 1976 and 1978—1982. See Appendix B for further explanation.
3 The National Potrioleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation, in their 1979 study, they defined this inventory fevel for total motor gasoline to be 210 million barrels. See Appendix B for further explanation. The 1979 study is currently under review.

Source: A Ranges and Seasonal Patterns 1976—1980, EIA, "Petroleum Statement, Annual (Final Summary)," 1981—1982, EIA, "Petroleum Supply Annual."

Monthly Data: 1982, EIA, "Petroleum Supply Annual," 1983, "Petroleum Supply Monthly."

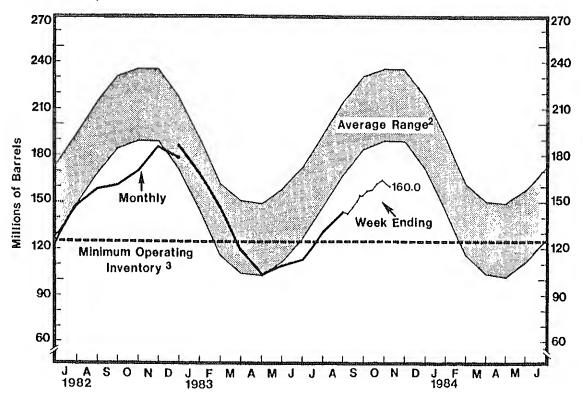
Week-Ending Stocks: Estimates based on EIA weekly data.

Stocks of Distillate Fuel Oil by Petroleum Administration for Defense District (Millions of Barrels)

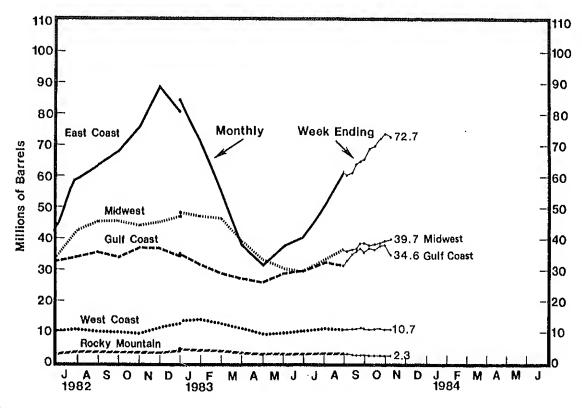
East Coast (PAD 1) 71.9 Midwest (PAD 2) 57.7 Gulf Coast (PAD 3) 34.0 Rocky Mountain (PAD 4) 3.4 West Coast (PAD 5) 12.4 1982 Total U.S. 164.4 East Coast (PAD 1) 68.3 Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 [†] Total U.S. 168.2 1 East Coast (PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	172.5 69.8 56.1 32.3 3.3 11.1 147.4 60.3 43.1 26.8 3.9 13.3	164,3 64.7 52.5 32.4 3.3 11.4 126.3 44.7 39.5 27.6 3.7 10.8	164.6 64.4 52.4 34.7 2.9 10.3 108.0 35.0 30.8 28.5 3.1 10.5	171.8 68.2 50.5 39.2 3.2 10.7 113.6 39.1 30.8 31.1 2.8	179.9 73.8 48.7 42.9 3.4 11.1 123.7 44.2 33.7 32.6	186.3 81.3 49.8 40.7 3.7 10.8 148.1 57.4 42.6 34.1	200.2 86.3 54.1 44.5 3.8 11.4 158.7 63.9 45.5 35.6	207.3 92.0 54.3 44.8 3.6 12.5 161.2 68.0 45.6 34.0	201.2 94.8 51.0 39.8 3.3 12.3	200.1 96.0 51.6 36.7 3.6 12.3 185.6 88.7 45.3	50.0 35.5 3.9 14.7 178.6 80.6 47.0
East Coast (PAD 1) 71.9 Midwest (PAD 2) 57.7 Gulf Coast (PAD 3) 34.0 Rocky Mountain (PAD 4) 3.4 West Coast (PAD 5) 12.4 1982 Total U.S. 164.4 1 East Coast (PAD 1) 68.3 Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 ¹ Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	69.8 56.1 32.3 3.3 11.1 147.4 60.3 43.1 26.8 3.9	64.7 52.5 32.4 3.3 11.4 126.3 44.7 39.5 27.6 3.7	64.4 52.4 34.7 2.9 10.3 108.0 35.0 30.8 28.5 3.1	68.2 50.5 39.2 3.2 10.7 113.6 39.1 30.8 31.1 2.8	73.8 48.7 42.9 3.4 11.1 123.7 44.2 33.7 32.6	81.3 49.8 40.7 3.7 10.8 148.1 57.4 42.6	86.3 54.1 44.5 3.8 11.4 158.7 63.9 45.5	92.0 54.3 44.8 3.6 12.5 161.2 68.0 45.6	94.8 51.0 39.8 3.3 12.3 170.1 75.7 44.2	96.0 51.6 36.7 3.6 12.3 185.6 88.7 45.3	87.4 50.0 35.5 3.9 14.7 178.6 80.6 47.0
Midwest (PAD 2) 57.7 Gulf Coast (PAD 3) 34.0 Rocky Mountain (PAD 4) 3.4 West Coast (PAD 5) 12.4 1982 Total U.S. 164.4 1 East Coast (PAD 1) 68.3 Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 ¹ Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	56.1 32.3 3.3 11.1 147.4 60.3 43.1 26.8 3.9	52.5 32.4 3.3 11.4 126.3 44.7 39.5 27.6 3.7	52.4 34.7 2.9 10.3 108.0 35.0 30.8 28.5 3.1	50.5 39.2 3.2 10.7 113.6 39.1 30.8 31.1 2.8	48.7 42.9 3.4 11.1 123.7 44.2 33.7 32.6	49.8 40.7 3.7 10.8 148.1 57.4 42.6	54.1 44.5 3.8 11.4 158.7 63.9 45.5	54.3 44.8 3.6 12.5 161.2 68.0 45.6	51.0 39.8 3.3 12.3 170.1 75.7 44.2	51.6 36.7 3.6 12.3 185.6 88.7 45.3	50.0 35.5 3.9 14.7 178.6 80.6 47.0
Gulf Coast (PAD 3) 34.0 Rocky Mountain (PAD 4) 3.4 West Coast (PAD 5) 12.4 1982 Total U.S. 164.4 East Coast (PAD 1) 68.3 Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 ¹ Total U.S. 168.2 1 East Coast (PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	32.3 3.3 11.1 147.4 60.3 43.1 26.8 3.9	32.4 3.3 11.4 126.3 44.7 39.5 27.6 3.7	34.7 2.9 10.3 108.0 35.0 30.8 28.5 3.1	39.2 3.2 10.7 113.6 39.1 30.8 31.1 2.8	42.9 3.4 11.1 123.7 44.2 33.7 32.6	40.7 3.7 10.8 148.1 57.4 42.6	44.5 3.8 11.4 158.7 63.9 45.5	44.8 3.6 12.5 161.2 68.0 45.6	39.8 3.3 12.3 170.1 75.7 44.2	36.7 3.6 12.3 185.6 88.7 45.3	35.5 3.9 14.7 178.6 80.6 47.0
Rocky Mountain (PAD 4) 3.4 West Coast (PAD 5) 12.4 1982 Total U.S. 164.4 1 East Coast (PAD 1) 68.3 Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 ¹ Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	3.3 11.1 147.4 60.3 43.1 26.8 3.9	3.3 11.4 126.3 44.7 39.5 27.6 3.7	2.9 10.3 108.0 35.0 30.8 28.5 3.1	3.2 10.7 113.6 39.1 30.8 31.1 2.8	3.4 11.1 123.7 44.2 33.7 32.6	3.7 10.8 148.1 57.4 42.6	3.8 11.4 158.7 63.9 45.5	3.6 12.5 161.2 68.0 45.6	3.3 12.3 170.1 75.7 44.2	3.6 12.3 185.6 88.7 45.3	3.9 14.7 178.6 80.6 47.0
West Coast (PAD 5) 12.4 1982 Total U.S. 164.4 1 East Coast (PAD 1) 68.3 Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 ¹ Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	11.1 147.4 60.3 43.1 26.8 3.9	11.4 126.3 44.7 39.5 27.6 3.7	108.0 35.0 30.8 28.5 3.1	10.7 113.6 39.1 30.8 31.1 2.8	11.1 123.7 44.2 33.7 32.6	10.8 148.1 57.4 42.6	11.4 158.7 63.9 45.5	12.5 161.2 68.0 45.6	12.3 170.1 75.7 44.2	12.3 185.6 88.7 45.3	14.7 178.6 80.6 47.0
1982 Total U.S. 164.4 1 East Coast (PAD 1) 68.3 Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 [†] Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	147.4 60.3 43.1 26.8 3.9	126.3 44.7 39.5 27.6 3.7	108.0 35.0 30.8 28.5 3.1	113,6 39,1 30,8 31,1 2,8	123.7 44.2 33.7 32.6	148.1 57.4 42.6	158.7 63.9 45.5	161.2 68.0 45.6	170.1 75.7 44.2	185.6 88.7 45.3	178.6 80.6 47.0
Total U.S. 164.4 1 East Coast (PAD 1) 68.3 Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	60.3 43.1 26.8 3.9	44.7 39.5 27.6 3.7	35.0 30.8 28.5 3.1	39.1 30.8 31.1 2.8	44.2 33.7 32.6	57.4 42.6	63.9 45.5	68.0 45.6	75.7 44.2	88.7 45.3	80.6 47.0
East Coast (PAD 1) 68.3 Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 ¹ Total U.S. 168.2 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	60.3 43.1 26.8 3.9	44.7 39.5 27.6 3.7	35.0 30.8 28.5 3.1	39.1 30.8 31.1 2.8	44.2 33.7 32.6	57.4 42.6	63.9 45.5	68.0 45.6	75.7 44.2	88.7 45.3	80.6 47.0
Midwest (PAD 2) 46.7 Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	43.1 26.8 3.9	39.5 27.6 3.7	30.8 28.5 3.1	30.8 31.1 2.8	33.7 32.6	42,6	45.5	45.6	44.2	45.3	47.0
Gulf Coast (PAD 3) 31.0 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 ¹ Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	26.8 3.9	27.6 3.7	28.5 3.1	31,1 2.8	32.6						
Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.2 1983 [†] Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	3.9	3.7	3.1	2.8		34.1	35.6	210	27.0	~~ ~	
West Coast (PAD 5) 14.2 1983 ¹ Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1						0.111	~~.~	J4.U	37.0	36.9	34.2
1983 [†] Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	13.3	10.8	10 5		3.0	3.4	3.5	3.5	3,5	3.5	4.0
Total U.S. 168.2 1 East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1			10,5	9.8	10.2	10.6	10.2	10.1	9.6	11.3	12.7
East Coast(PAD 1) 71.1 Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1											
Midwest (PAD 2) 47.2 Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	147.4	118.7	103,2	109.2	113.8	131.0	143.5				
Gulf Coast (PAD 3) 31.7 Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	55.3	38.1	31.8	37.2	41.1	50.9	61.9				
Rocky Mountain (PAD 4) 4.1 West Coast (PAD 5) 14.1	46.4	39.0	33.3	30.4	29.6	33,6	36,7				
West Coast (PAD 5) 14.1	28.9	27.2	26.0	28.8	29.7	32.5	31.3				
	4.0	3,3	2.8	2.9	2.8	3.0	3.0				
181 - 1 - 17 - 11	12.8	11.1	9.4	9.9	10.6	11,0	10.6				
Week Ending:											
1983 ¹ 9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4		
Total U.S. 142.8	146.7	150.4	153.8	153.5	157.0	157.7	161.6	163.6	160,0		***************************************
East Coast (PAD 1) 60.4	61.4	64.1	64.8	65.6	69.0	69.8	72.2	73.7	72.7		
Midwest (PAD 2) 35.8		36.8	38.3	38.6	37.9	38,2	38.6	39.3	39.7		
Gulf Coast (PAD 3) 32.9		35.8	36.8	35.7	36.9	36.4	37.5	37.8	34,6		
Rocky Mountain (PAD 4) 2,8	36.6			2.6	2.4	2.4	2.3	2,3	2.3		
West Coast (PAD 5) 10.8		2.6	2.6			10.9	11.1	10.7	10.7		

See Appendix D for explanation of the 1983 new stock basis.
 Note: PAD district data may not add to total due to independent rounding.
 Sourca:
 Monthly Data: 1981—1982, EIA, "Petroleum Supply Annual;" 1983, EIA, "Petroleum Supply Monthly."
 Week-Ending Stocks: Estimates based on EIA weekly data.

Stocks of Distillate Fuel Oil, U.S. Total¹ (Millions of Barrels)



Stocks of Distillate Fuel Oil by Petroleum Administration for Defense District¹ (Millions of Barrels)



See Appendix O for explanation of the 1983 new stock basis.

¹ See Appendix D for explanation of the 1983 new stock basis.
2 Average level and width of average range or based on three years of monthly date; July 1980—June 1983. The sensonal pattern is based on seven years of monthly date. January 1976—December 1982, See Appendix D for further explanation.
3 The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. In the 1979 study, they defined this inventory level for distillate fuel oil to be 125 million barrels. See Appendix B for further explonation. The 1979 study is currently under review.

Source: o Ranges and Seasonal Patterns 1976—1980, EIA, "Petroleum Statement Annual (Final Summary)," 1981—1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly,"

o Monthly data: 1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly,"

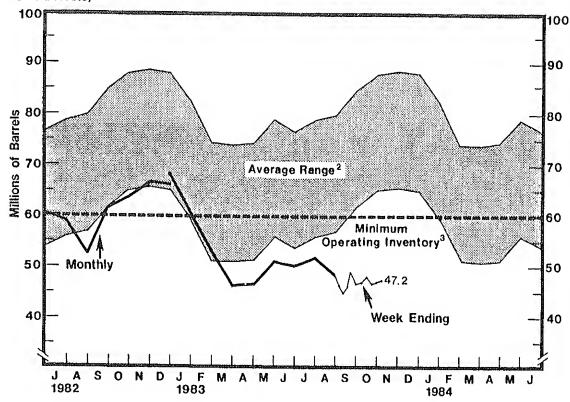
o Week-Ending Stocks: Estimates based on EIA weekly data.

Stocks of Residual Fuel Oil by Petroleum Administration for Defense District (Millions of Barrels)

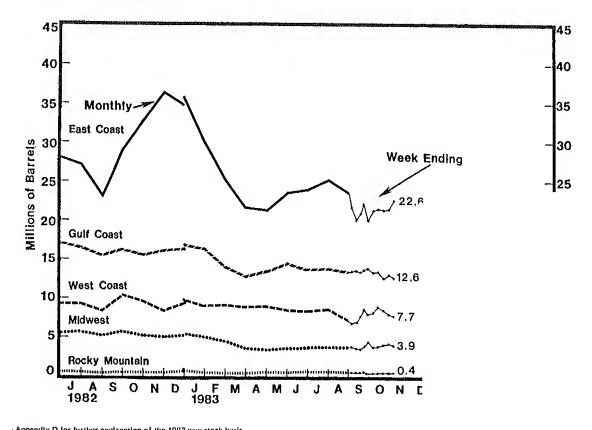
Year/District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981												
Total U.S.	82.1	77.9	74.8	72.9	78.1	69.4	69.3	74.9	80.2	79.9	81.4	78.0
East Coast (PAD 1)	39.0	38.5	37.3	36.3	38.2	33.6	33.0	34.4	40.0	40.4	43.0	40.1
Midwest (PAD 2)	9.2	9.0	7.9	7.3	7.1	7.0	7.7	8.1	8.5	8.0	8.2	8.3
Gulf Coast (PAD 3)	21.8	19.7	19.4	19.1	21.7	17.0	17.4	21.2	20.4	20,4	19.7	18.7
Rocky Mountain (PAD 4)		0.7	0.6	0.5	0,6	0,6	0.5	0.6	0.7	0.7	0.7	0.7
West Coast (PAD 5)	11.4	10.1	9.7	9.7	10.5	11.2	10.7	10.7	10.7	10.4	9.8	10.2
1982												
Total U.S	68.7	58.5	58.1	53.6	59.0	60.7	58.9	52.6	61.8	63.6	66.4	66.2
East Coast (PAD 1)	32.2	25.0	25.0	23.4	28.3	28.2	27.1	23.1	29.0	32.8	36.4	34.7
Midwest (PAD 2)	7.7	7.3	7.0	6.2	6.0	5.6	5.7	5.2	5.7	5.1	5.0	5.2
Gulf Coast (PAD 3)	17.7	14.7	14.7	13.5	15.0	17.1	16.4	15.5	16.2	15.6	16.1	16.3
Rocky Mountain (PAD 4)	0.6	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.6
West Coast (PAD 5)	10.3	10.8	10,9	10.0	9.2	9.3	9.3	8.4	10.4	9.6	8.4	9.3
19831												
Total U.S.	60.7	53.1	46.3	46.6	50.9	50.1	51,9	48.3				
East Coast (PAD 1)	29.9	25.1	20.6	20,3	23.8	24.0	25,3	23.8				
Midwest (PAD 2)	5.0	4.5	3.6	3,4	3.5	3.7	3.7	3.7				
Gulf Coast (PAD 3)	16.3	14.0	12.8	13.4	14.5	13.5	13.8	13.3				
Rocky Mountain (PAD 4)	0.5	0.4	0.4	0.5	0.5	0.4	0.5	0.5				
West Coast (PAD 5)	9.0	9.1	8.9	9.0	8.5	8.4	8.6	7.1				
Week_Ending:												
1983 ¹	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4		
Total U.S.	46.3	44.8	46.1	48.8	46.8	46.9	48.0	46.7	46.8	47.2		
East Coast (PAD 1)	21.7	20.1	20.9	22.1	20.1	21.3	21.5	21.3	21,4	22.6		
Midwest (PAD 2)	3.8	3.6	3.5	3.9	4.3	3,7	3.8	4.0	4.1	3.9		
Gulf Coast (PAD 3)	13.5	13.6	13.4	13.7	13.9	13.3	13.4	12.6	13.0	12.6		
Rocky Mountain (PAD 4)	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4				
West Coast (PAD 5)	6.8	7.0	7.7	8.6	8.0	8.2	8.9	8.5	0.4 7.9	0.4 7.7		

See Appendix D for explanation of the 1983 new stock basis.
 Note: PAD district data may not add to total due to independent rounding.
 Source:
 Monthly Data: 1981–1982, ETA, "Petroleum Supply Annual," 1983, ETA, "Petroleum Supply Monthly,"
 Week-Ending Stocks: Estimates based on ETA weekly data.

ks of Residual Fuel Oil, U.S. Total¹ ions of Barrels)



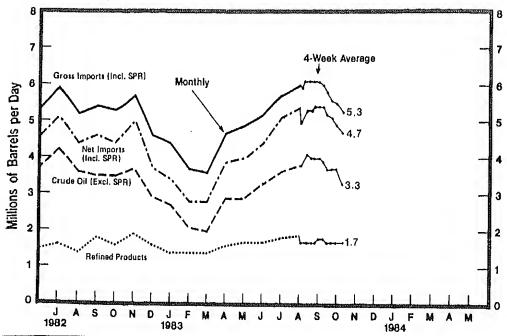
is of Residual Fuel Oil by Petroleum Administration for Defense District ons of Barrels)



Appendix D for further explanation of the 1983 new stock basis, prage level and width of average range are based on three years of monthly date: July 1980—June 1983. The seasons 1976—December 1982. See Appendix B for further explanation.

National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine of esidual fuel oil to be 60 million barrels. See Appendix B for further explanation. The 1979 study is currently under as: o Ranges and Seasonal Patterns 1976—1980, CIA, "Petroleum Statement Annual (Final Summery)," 1981—198: o Monthly Date: 1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Manthly." o Week-Ending Stocks: Estimates based on EIA weekly date.

Imports of Crude Oil and Petroleum Products (Millions of Barrels per Day)



Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981									· · · · · · · · · · · · · · · · · · ·			
Crude Oil (Excl. SPR)	4.8	4.8	4.4	4.1	3,9	3.7	4.1	3.9	4.3	3,9	3.8	4.0
SPR	0.1	0.1	0.1	0.3	0.4	0.3	0.2	0.3	0.4	0.5	0,3	0.2
Refined Products	1.9	1.9	1.5	1.3	1.5	1.4	1.5	1.6	1,6	1.6	1.7	1.7
Gross Imports (Incl. SPR)	6.8	6.8	6.0	5.7	5.8	5.4	5.8	5.8	6.4	6.0	5.7	5.8
Total Exports ¹	0.6	0.6	0.6	0.6	0.6	0.4	0.6	0.6	0.5	0.7	0.7	0.7
Net Imports (Incl. SPR)	6.3	6.2	5.4	5.1	5.2	5.0	5.2	5.1	5.8	5,2	5.0	5,2
1982												
Crude Oil (Excl. SPR)	3.5	2.8	2.7	2.7	3,1	3.7	4.0	9.0	0.5	۰.	۰	
SPR	0.2	0.2	0.2	0.2	0.2	0.1	4.2	3.6	3,5	3,5	3.7	2.9
Refined Products	1.6	1.8	1.6	1.5	1,5	1.5	0.1	0.2	0.1	0.2	0.2	0.1
Gross Imports (Incl. SPR)	5.3	4.8	4.5	4.4	4.8	5.3	1.6	1.4	1.8	1.6	1.9	1.6
Total Exports ¹	0.8	0.8	0.9	8.0	4.8 0.8		5.9	5.2	5.4	5,3	5.7	4.6
Net Imports (Incl. SPR)	4.5	4.0	3.6	3.6	4.0	0.7 4.6	0.7 5.1	0.9 4.4	0.8 4.6	0.9 4.4	0.8 5.0	0.9 3.7
1000						.,-			-1.0	7,7	5.0	3,7
1983												
Crude Oil (Excl. SPR)	2.7	2.1	2.0	2,9	2.9	3.3	3,6	3.8				
SPR	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.4				
Refined Products	1.4	1.4	1,4	1.6	1.7	1,7	1.8	1.9				
Gross Imports (Incl. SPR)	4.4	3.7	3.6	4.7	4.9	5.2	5.7	6.0				
Total Exports	1.0	0.9	8.0	8.0	8.0	8.0	0.6	0.7				
Nat Imports (Incl. SPR)	3.4	2.8	2.8	3.9	4.0	4.4	5.1	5.4				
Week Peri	od Endin	g:										
	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4		
int	3.8	4.1	4.0	4,0	4.0	3.9	3,7	3,7	. 07			
	0.4	0.3	0.4	0.3	0.3	0.3	0,3	0.2	3.7	3.3		
	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	0.2	0.2		
	5.9	6.1	6.1	6.1	6.1	6.0	5.8	5.6	1.7	1.7		
	E0.8	E0.8	E0.8	E0.7	E0.7	E0.6	E0.6		5.5	5.3		
	5.0	5.3	5.3	5.4	5.4	5.4	5.2	E0.6	E0.6	E0.6		
			0.0	0,7	J.T	0,4	0.2	5.1	4,9	4.7		

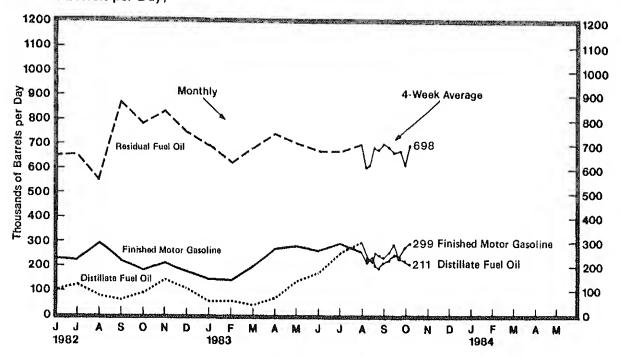
EmEstimate Dased on most recent monthly data available.

1 Includes exports of crude oil and refined petroleum products. Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a Note: Detail data may not add to total due to independent rounding.

Source: • Monthly Data: 1981—1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly,"

• Four-Week Averages: Estimates based on EIA weekty data.

orts of Petroleum Products by Product ousands of Barrels per Day)

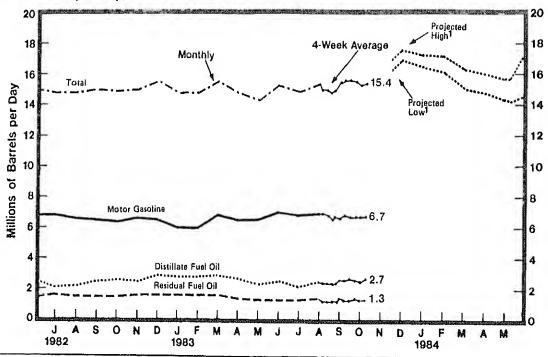


'Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
hed Motor Gasoline	138	111	171	186	150	186	151	124	169	147	148	197
uel	15	38	76	55	47	68	35	47	46	14	9	7
late Fuel Oil	273	325	147	116	179	225	179	174	129	119	124	95
lual Fuel Oil	1,015	954	699	584	741	540	830	819	841	786	880	916
r 1	453	471	414	389	371	356	327	424	438	514	533	491
ned Motor Gasoline	128	133	183	185	182	230	225	291	223	185	211	178
uel	10	62	39	47	31	3	31	26	30	20	40	7
late Fuel Oil	97	132	48	59	74	102	125	80	61	91	145	109
lual Fuel Oil	831	956	912	788	742	652	657	550	872	783	836	747
ব	573	533	427	449	474	504	604	445	592	557	650	564
hed Motor Gasoline	148	142	205	273	284	265	297	260				
uel	27	8	35	15	35	25	22	22				
late Fuel Oil	58	58	42	73	141	175	259	302				
lual Fuel Oil	691	632	686	743	709	676	682	705				
₍ 1	510	583	429	486	495	575	563	574				
ige for Four-Week Pe												
	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4		
ned Motor Gasoline	220	239	205	192	218	224	248	242	279	299		
uel	37	34	56	64	58	60	37	44	48	45		
late Fuel Oil	238	225	252	248	238	261	292	238	222	211		
ual Fuel Oil	605	607	677	673	704	690	670	676	620	698		
А	554	579	556	532	533	519	493	506	494	498		

des Imports of kerosene, unfinished oils, motor gasoline blanding components, ilquefied petroleum geses and other oils.

• Monthly Data: 1981-1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly,"

• Four-Week Averages: Estimates besed on EIA weekly data.



Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981												
Motor Gasoline	6.4	6.3	6.3	6.6	6.6	7.0	6.8	6,6	6.7	6.6	6.4	6.7
Jet Fuel	1.1	1.0	1,1	1.0	0.9	1.0	1.1	1.0	1.0	0.9	1.0	1.0
Distillate Fuel Oil ²	4.1	3.4	2.9	2.5	2.4	2.4	2.4	2.4	2.5	2.8	2.9	3.2
Residual Fuel Oil ²	2.9	2.5	2.1	1.9	1.8	2.0	2.0	1.8	1.9	1.9	1.9	2.3
Other	3.9	3.8	3.5	3.4	3.7	3.7	3.4	3.5	3.8	3.6	3.4	3.4
Total	18.4	17.0	15.9	15.4	15.4	16.1	15.7	15.3	15.9	15.8	15.6	16.6
1982												
Motor Gasoline	6.0	6.2	6.5	6.9	6.7	6.8	6.8	6.6	6.5	6.4	6.6	e e
Jet Fuel	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	6.5
Distillate Fuel Oil ²	3.5	3.1	2.9	3.0	2.4	2.5	2.1	2.2	2.5	2.6	2.5	1.1 2.9
Residual Fuel Oil 2	2.2	2.3	1.9	1.9	1.6	1.5	1.6	1,5	1.5	1.5	1.6	
Other	3.5	3.3	3.3	3.2	3.2	3.2	3,4	3.5	3.5	3.4	3,3	1.6 3.4
Total	16.1	16.0	15.6	16.0	14.8	15.0	14.8	14.8	15.0	14.9	15.0	3.4 15.5
1983											, -	
Motor Gasoline	6.0	6.0	6.8	6.5	6.5	7.0	6.8	6.9				
Jet Fuel	0.9	1.0	1.0	1,1	1.0	1.1	1.0	1.1				
Distillate Fuel Oil ²	2.8	2.8	2.9	2.7	2.3	2.5	2.2	2.5				
Residual Fuel Oil ²	1,6	1.6	1.6	1.4	1.3	1.3	1.3	1.4				
Other	3.5	3.3	3.2	3.1	3,1	3.4	3.6	3.5				
41	14.8	14.8	15.5	14.8	14.3	15.3	14.9	15.4				
Ve	ek Perio	d Ending	:									
	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4		
	6.9	6.8	6.6	6.7	6.6	6.8	6.7	67	6.7	0.7		
	1.1	1.1	1.1	1.1	1.1	1.1	1.0	6.7 1.0	6.7	6.7		
;	2.4	2.4	2.4	2.4	2.6	2.6	2.7	2.6	1.0	1.0		
	1.2	1.2	1.2	1.2	1.4	1.3	1.3	1.4	2.5 1.3	2.7		
	3.4	3.5	3.5	3.7	3.8	3.9	3.9	3.8	3.8	1.3		
	15.0	15.0	14.9	15.0	15.5	15.6	15.6	15.5	3.8 15.3	3.8		
-								10.0	10.5	15.4		

ix C for explanation of derivation of values,
to oil burned as residual fuel oil or distillate fuel oil is no longer reported to EIA and therefore is not included in 1983 product supplied calculations for these fuels,
or distillate and residual fuel oil for 1981 and 1982 shown on this page are the values published in 1981 and 1982 EIA publications and include crude oil
berrels per day for residual fuel oil and 10 thousand barrels per day for distillate fuel oil). See Appendix D for further explanation.
1981 – 1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."
erages: Estimates based on EIA weekly data.
1A, Office of Energy Markets and End Use (August 1983).

Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981			······································				·		······································		· · · · · · · · · · · · · · · · · · ·	
Motor Gasoline												
Leaded Premium	133.8	141.0	144.9	145.1	144.7	144.6	144.6	144.4	145.6	145.7	146.2	146.0
Leaded Regular	123.8	132.1	135.2	134.4	133.3	132.4	131.5	131.0	130.5	129.9	129.7	129.3
Unleaded Regular	129.8	138.2	141.7	141.2	140.0	139.1	138.2	137.6	137.6	137.1	136.9	136.5
All-types	126.9	135.3	138.8	138.1	137.0	136.2	135.3	134.8	135.8	135.3	135.1	134.8
Residential Heating Oil	114.4	123.4	125.5	123.9	122.7	120.9	121.0	119.4	119.7	118.8	120.8	122.0
1982												
Motor Gasoline												
Leaded Premium	145.6	143.8	140.7	136.8	137.9	140.8	145.0	145.8	144.1	141.3	141,2	137.2
Leaded Regular	128.5	126.0	120.6	114.8	116.6	124.2	126.3	125.4	123.6	121.9	120.7	118.1
Unleaded Regular	135.8	133.4	128.4	122.5	123.7	130.9	133.1	132.3	130.8	129.5	128.3	126.0
All-types	134.1	131.8	126.8	121.0	122.4	129.6	131.8	131.0	129.5	128.0	126.8	124.4
Residential Heating Oil	122.0	120.7	115.3	113.2	114.3	116.2	115.8	115.9	115.2	119.6	121.6	119.7
, -	,		.,		111,0	1 (0,2	110.0	110.0	110.2	110.0	12110	
1983												
Motor Gasoline												
Leaded Premium	135.3	131.8	127.4	132.1	137.6	142.9	144.6	143,7	140.5			
Leaded Regular	114.6	109.9	106.4	113.1	117.7	119,7	120.7	120.3	118.9			
Unleaded Regular	122.8	118.7	115.1	121.5	125,9	127.7	128.8	128.5	127.4			
All-Types	121.3	117.0	113.5	119.8	124,3	126.1	127.2	126.9	125.7			
Residential Heating Oil ¹	114.7	111.4	104.9	103.5	104.8	106.0	R105.0	P104.8				

R#EIA Revision.

Refiner Acquisition Cost of Crude Oil (Dollars per Barrel)

Year/Type	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
1981					<u> </u>							
Domestic	32.71	36.27	36.97	35.58	35.21	34.20	33.76	33.79	33.47	33.48	33,49	33,51
Imported	38.85	39.00	38.31	38.41	37,84	37.03	36.58	35.82	35.44	35,43	36.21	35.95
Composite	34.86	37.28	37.48	36.58	36,11	35.03	34.70	34.46	34.11	34.07	34.33	34.33
1982												
Domestic	33.39	32.71	31.08	30.27	30.37	30,79	30.92	30.85	30.76	31.38	31.57	30.80
Imported	35.54	35.48	34.07	32.82	32,78	33.79	33,44	32.95	33,03	33.28	33.09	32.85
Composite	33.95	33,40	31.81	30.83	31.02	31.74	31.74	31.45	31.40	31.98	32.07	31.29
1983												
Domestic	30,55	29.16	28.69	28,45	28,68	28.67	0′					
Imported	31.40	30.76	28.43	27.95	28.53	29.23						
Composite	30.73	29,49	28.64	28,33	28,64	28.85						

₽=Preliminary.

Source: • Form EIA-14, "Refiners Monthly Cost Report."

R=EIA Hovision,
P=Preliminary.
1 Beginning in January 1983, residential heating oil prices do not include taxes.
Note: Motor gasoline data include prices from self-service stations. Beginning with September 1981, the Bureau of Labor Statistics has changed the weights used in the calculation of average motor gasoline prices. In the "all types" category gasohol is now included and unleaded promium is weighted more heavily.

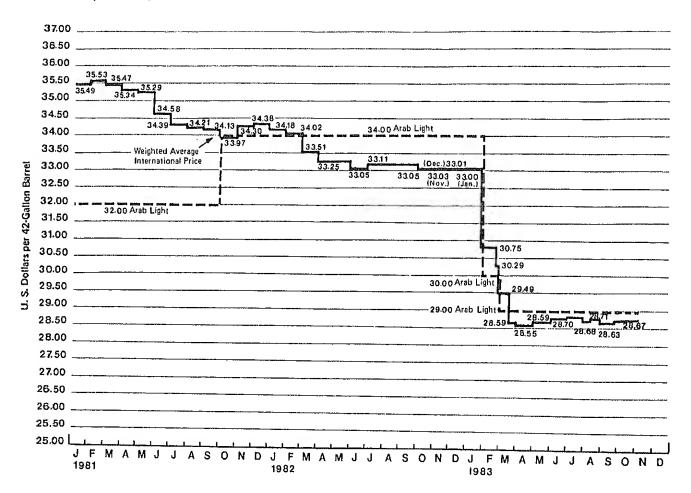
Source:

Motor Gasoline—Bureau of Labor Statistics. See glossary for descriptions of survey.

Residentiel Heating Oil—1981-1982: Form EIA—9A, "No. 2 Distillate Price Monitoring Report."

1983: Forms EIA—782A, "Monthly Petroleum Product Seles Report," and EIA—782B, "Monthly No. 2 Distillate Sales Report."

World Crude Oil Prices¹ (Dollars per Barrel)



¹ Internationally traded oil only. Average price (FOB) weighted by estimated export volume.

Note: Beginning with the May 1, 1981 issue of the Weekly Petroleum Status Report, the world crude oil price is based on a revised crude list.

Additions: Saudi Arabia's Arabian Heavy, Dubal's Fatch, Egypt's Suez Blend, and Mexico's Maya. Omissions: Canadian Heavy. Replacements: trug's Krikuk Blend for freg's Bassah Light.

The above graph shows an estimated world crude oil price based on this revised list beginning January 1, 1981.

	Type of Crude/							t Change Price From
Country	API Gravity	Current Price	In Effect 1 Jan 82	In Effect 1 Jan 81	In Effect 1 Jan 80	In Effect 31 Dec 78	In Effect 1 Jan 80	In Effect 31 Dec 71
OPEC			************				 	
Saudi Arabia	Arabian Light 34 ⁰ (Bonch mark crude)	2 9.00	34.00	32.00	26.00	12.70	£1.5	128.3
Abu Dhabi	Saudi Berri 39 ⁰ Arabian Heavy 27 ⁰ Murban 39 ⁰	29.52 26.00 29.56	35.40 31.00	33.52 31.00	27.52 25.00	13.23 12.02	7.3 4.0	123.1 116.3
Dubai Qatar Iran	Fatek 32 ⁰ Dukhan 40 ⁰ Iranian Light 34 ⁰	28.86 29.49	35,50 33,86 35,45	36.56 35.93 37.42	29.56 27.93 29.42	13.26 12.64 13.19	0 3.3 0.2	122.9 128.3 123.6
iraq Kuwait Neutral Zone	Kirkuk 36 ⁰ Kuwait Blend 31 ⁰	28.00 29.83 27.30	34,20 34.93 32.30	37.50 37.50 35.50	² 30.00 29.29 27.50	13.45 13.17 12.22	-6.7 1.8 -0.7	108.2 126.5 123.4
Algeria Nigeria	Khafji 28 ⁰ Saharan 44 ⁰ Bonny Light 37 ⁰	26.03 30.50 30.00	31.03 37.00 36.50	25.20 40.00 40.00	27.20 33.00 29,97	12.03 14.10 15.12	-4.3 -7.6 0.1	116.4 116.3 98.4
Libya Indonesia Venezuela	Es Sider 37 ⁰ Minas 34 ⁰ Tia Juana 26 ⁰ Mandji 30 ⁰	30.15 29.53 27.88	36.50 35.00 32.88	40.78 35.00 32.88	34.50 27.50 25.20	13.68 13.65 12.72	·12.6 7.4 10.6	120.4 117.9 119.2
Gabon Ecuador	Mandji 30° Oriente 30°	29.00 28.20	34.00 34.25	35.00 40.06	28.00 33.50	12.59 12.35	3.6 -15.8	130.3 128,3
Total OPEC ³	NA	28.59	34.13	34.82	28.30	13.03	1.0	119.4
Non-OPEC United Kingdom	Forties 360	29.90	36.60	39.25	00 75	44.00		
Norway Mexico	Ekofisk 42 ⁰ Moxican Light 33 ⁰ Mexican Heavy 22 ⁰	30.25 29.00	37.25 35.00	40.00 38.50	29.75 32.50 32.00	14.00 14.20 13.10	0.5 ·6.9 ·9.4	113.6 113.0 121.4
Egypt Oman Syria	Suez Blend 33 ⁰ Oman 34 ⁰	25.00 428.50 29.00	26.50 34.00 35.00	34.50 40.50 37,50	28.00 34.00 30.26	NA 12.81 13.06	·10.7 ·16.2 ·4.2	NA 122.5 122.1
Malaysia Brunei	Suwadiyah 25 ⁰ Miri 38 ⁰ Seria 36 ⁰	25.00 29.85 30.10	30.00 36.50 36.10	36.03 41.30 40.35	31.39 33.60 33.40	11.64 14.30 14.15	-20.4 -11.2 -9.9	114,8 108,7 112,7
U.S.S.R. ⁵	Export Bland 33 ⁰	29.50	35.49	39.25	33.20	13.20	-11.1	123.5
Total Non-OPEC 3	NA	28.83	34.35	38.54	31.94	13.44	∙9.7	114.5
Fotal World, ³	NA	28.67	34.18	35.49	28.84	13.08	-0.6	119.2
Inited States 6	NA	28.45	34.15	36.69	29.35	13.38	-3.1	112.6

NA-Not Applicable.

1 Official sales prices or estimated term contract prices; spot prices excluded.

2 37c higher at 60 days' credit.

3 Average prices (FOB) weighted by estimated export volume.

4 On 60 days' credit.

5 Average delivered cost to Northwest Europe,

6 Average prices (FOB) weighted by estimated import volume

Source: • DOE, Office of International Affairs, November 8, 1983.

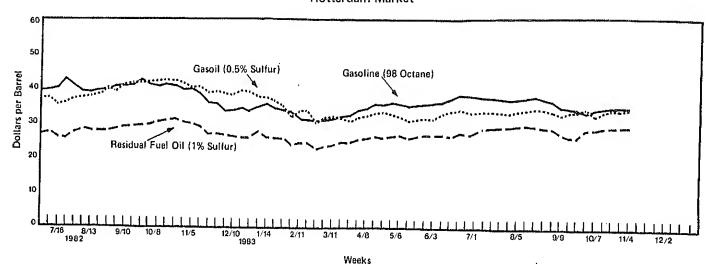
• Platt's Oligram Price Report.

• Petroleum Intolligence Weekly,

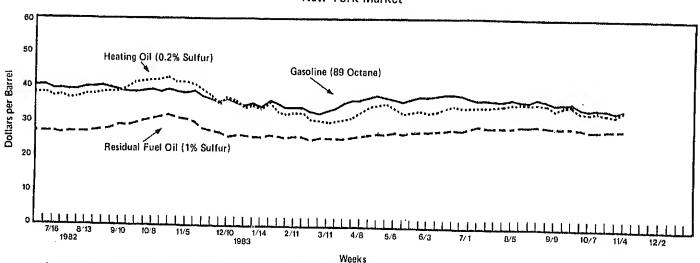
• Oil fluyers' Guide.

• Europe Oil Prices.

Rotterdam Market



New York Market



Source: • Oil Buyers' Guide, Weekly Oil Market Product Report. Not published weeks of July 4 and December 25.
• DOE, Office of International Affairs.

		Motor	Gasoline	Gasoil/H	eating Oil	Residual	Fuel Oil ²
		Rotterdam (98 Octane)	N.Y. ³ (89 Octane)	Rotterdam (0.5% Sulfur)	N.Y. ⁴ (0.2% Sulfur)	Rotterdam (1% Sulfur)	N.Y. ³ (1% Sulfur)
1982 Oct		40.04	39.69	40.76	45.50		
	29 v 5	39.39	38.96	42.76	42.74	30.78	31.35
No	v 5	39.80	38.45	41.42 39.88	41.37 41.37	30.26	30,75
	12	38.22	38.56		41,37	29.95	30.50
	19	36.11	37.02	40.28	40.32	28.75	30.00
	26	36.28		38.81	38.85	26.88	28.00
Dec		33.65	36.33	38,87	37.06	26,88	27.50
	10	33.88	35.76	38.67	35.07	26,95	26.75
	17		36.50	38.20	36.96	26.80	25.75
	24	34.00	35.13	39.75	36.12	26.73	26.35
	31	33.70	34.92	39.28	34.86	26.73	
		Not availab	·le.		000	20.73	26.35
983 Jan		34.88	35.13	37.73	24.00		
	14	35.46	34.82	27.73	34.86	27.55	25.75
	21	34.29	36.29	37.47	34.44	26.73	25.75
	28	33.88		37.00	35.60	26.58	26.00
Feb		33.70	35.03	34.45	3 3.08	25,98	25.50
	11	31,48	34.57	32.37	32.55	23.87	25.00
	18		34.82	33.98	32.76	24.47	26.00
	25	31.48	34.82	33.98	32.76	24.47	26.00
Max		30.72	33.24	30.63	31.08	22.97	
Mar	•	31.01	32.99	31,70	30.56	23.50	25.00
	11	31.65	33,41	31.70	30.45		25.25
	18	32.30	34.57	31.64		24.17	25.25
	25	32.53	35.57	30.90	30.56	24.92	25,25
Apr	1	33.82	36.77		30.76	24.70	25,25
	8	34.70	36,77	31.70	31.71	25.23	25.75
	15	36.69		32.51	3 2,66	25.30	26.00
	22	35.58	37.09	33.58	34.65	25.90	26.50
	29		37.40	33.78	35,28	25.60	26.75
May	6	36.75	37.19	33.51	35.49	25.98	26.75
iviay	13	36.28	36.88	32.51	34.54	25.98	
		34.94	36.67	31.57	33,18	25.30	27.00
	20	35.35	36.98	31.97	33,28		26.50
	27	35.58	37.19	32.24	33.50	25.75	27.00
Jun	3	35.76	37.19	32.10	33,28	26.13	27.25
	10	35.81	37.32	33.24	30,20	25.98	27.50
	17	36.87	37.84	33.38	33.39	25,98	27.60
	24	37.87	37.84	33.51	34.12	25.83	28.05
Jul	1	37.16	37.42		34.23	26.80	28.50
	8	Not available	U7,42	32.84	34.02	26.28	28.35
	15	36.81	36.62	00.40	*		
	22	36.28		33.18	34.23	28.00	29.00
	29	36.05	36.63	33.18	34,23	28.23	28.75
Aug	5		36.52	33.04	34.34	28.15	28.75
7,49	12	36.22	36.64	33.71	35.18	28,53	28.75
	19	36.40	36.52	34.18	35.28	28.68	29.00
		36.52	36.52	34.79	35.28	28.53	29.00
	26	36.34	36.73	34.65	35,28	28.38	
Sep	2	35.87	36.29	34.18	35.07		29.35
	9	34.47	35.99	33,58	34.65	28.08	29.25
	16	34.35	35.78	33,44		27.33	28.75
	23	34.41	35.87	33.85	34,86	26.95	28.75
	30	33.24	34.92	33.71	35.01	26.95	28.75
Oct	7	33.41	34.29	33,/ 20 E1	34.02	27.63	28.75
	14	33.59		32.51	33.50	27.40	28.00
	21	34.17	34.82	33.11	34,02	27.48	27.95
	28		34.40	34.05	33.28	27.78	27.90
Nov	4	34.41	33.94	33.98	33.18	27.78	28.10
1404	4	34 <i>.</i> 70	34.65	34.25	34,65	28.08	28.25

¹ flefers to No. 2 Heating Oil.
2 Flefers to No. 6 Oil.
3 East Coast Cargoes.
4 New York Harbor Reseller Barge Prices.
5 Ource: • Oil Buyers' Guide, Weekly Oil Market Product Report. Not published weeks of July 4 and December 25.
• DOE, Office of International Affairs.

Weather Summary (Population Weighted Heating Degree-Days¹)

Weather data reported in the Weekly Petroleum Status Report (WPSR) are now taken directly from a computerized system implemented by the National Oceanic and Atmospheric Administration (NOAA). Differences between these data and those previously published are summarized below.

There are several degree-day data bases maintained by the National Oceanic and Atmospheric Administration. The information published in the Weekly Petroleum Status Report (WPSR) is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland. The data are available weekly and are based on mean daily temperatures recorded at about 200 major weather stations around the country. The temperature information recorded at these weather stations is used to calculate statewide degree-day averages based on population. The State figures are then aggregated into Census Divisions and into the national average. The population weights currently in use represent resident State population data estimated for 1980 by the U.S. Department of Commerce, Bureau of the Census. The data previously published used a different methodology for computing State degree-days, earlier State population data to compute State population weights, and used 1941 - 1970 as the normal period instead of 1951 - 1980.

The weather for the nation, as measured by population-weighted heating degree-days from July 1, 1983 through November 5, 1983, has been 10 percent warmer than normal and 8 percent warmer than last year.

U.S. Total Heating Degree-Days (Population Weighted)

				Percent	Change
	1983 This year	1982-1983 Last year	Normal	This year vs. Last year	This year vs Normal
July 1 - June 30		4,500	4,694		
July 1 - November 5	404	437	451	-8	10

Degree-days are relative measurements of outdoor air temperature. Cooling degree-days are defined as deviations of the mean daily temperature at a sampling station above a base temperature equal to 65° F by convention. Heating degree-days are deviations of the mean daily temperature below 65° F. For example, if a weather station recorded a mean daily temperature of 78° F, cooling degree-days for that station would be 13 and no heating degree-days. A weather station recording a mean daily temperature of 40° F would report 25 heating degree-days and no cooling degree-days.

Appendix A. EIA WEEKLY DATA: SURVEY DESIGN AND ESTIMATION METHODS

The Weekly Petroleum Reporting System (WPRS) comprises five surveys: the "Weekly Refinery Report" (EIA-800); the "Weekly Bulk Terminal Report" (EIA-801); the "Weekly Product Pipeline Report" (EIA-802); the "Weekly Crude Oil Stocks Report" (EIA-803); and the "Weekly Imports Report" (EIA-804). The EIA weekly reporting system, as part of the Petroleum Supply Reporting System, was designed to collect data similar to those collected monthly. In the WPRS, selected petroleum panies report weekly data to EIA on crude oil and petroleum product stocks, refinery inputs and production, and crude oil and petroleum product imports. On the Forms EIA-800 through EIA-803, companies report data on a custody basis. On the Form EIA-804, the importer of record reports each shipment entering the United States. Current weekly data and the most recent monthly data are used to estimate the published weekly totals.

Sample Frame

The sample of companies that report weekly in the WPRS was selected from the universe of companies that report monthly. All sampled companies report data only for facilities in the 50 States and District of Columbia. The EIA-800 sample frame includes all petroleum refineries in the United States and its territories, industrial facilities that have crude oil distillation capacity and produce some refined petroleum products, and bulk terminals that blend motor gasoline. The EIA-801 sample frame includes all bulk terminal facilities in the United States and its territories that have total bulk storage capacity of 50,000 barrels or more, or that receive petroleum products by tanker, barge, or pipeline. The EIA-802 sample frame includes all petroleum product pipeline companies in the United States and its territories that transport refined petroleum products, including interstate, intrastate and intracompany pipeline movements. Pipeline companies that only transport natural gas liquids are not included in the EIA-802 frame. Only those pipeline companies which transport products covered in the weekly survey are included. The EIA-803 sample frame consists of all companies which carry or store crude oil of 1,000 barrels or more. Included are gathering and trunk pipeline companies (including interstate, intrastate, and intracompany pipelines), crude oil producers, terminal operators, storers of crude oil, and companies transporting Alaskan crude oil by water. The EIA-804 sample frame includes all importers of record of crude oil and petroleum products into the United States.

Sampling

The sampling procedure used for the weekly system is the cut-off method. In the cut-off method, companies are ranked from largest to smallest on the basis of the quantities reported during some previous period. Companies are chosen for the sample beginning with the largest and adding companies until the total sample covers about 90 percent of the total for the previous time period.

	Refiners (Refinerles)	Bulk Terminals	Pipelines	Crude Oil Stock Holders	Importers
Weekly Form	EIA-800	EIA-801	EIA-802	EIA-803	EIA-804
Monthly Frame Size	172(300)	276	78	168	1086
Weekly Sample Size	60(165)	88	46	82	62

Collection Methods

Data are collected by mail, mailgram, telephone, Telex, and Telefax on a weekly basis. All canvassed firms and terminal operating companies must file by 5:00 p.m. on the Monday following the close of the report period, 7 a.m. Friday. During the processing week, company corrections of the prior week's data are also entered.

Estimation and Imputation

After the company reports have been checked and entered into the weekly data base, ratio estimates of the weekly totals are calculated from the reported data. First, the current week's data for a given product reported by companies in that region are summed. (Call this weekly sum, W_s). Next, the most recent month's data for the product reported by those same companies are summed. (Call this monthly sum, M_s). Finally, let M_s be the sum of the most recent month's data for the product as reported by all companies. Then, the current week's ratio estimate for that product for all companies, W_s, is given by:

$$W_t = \frac{M_t}{M_s} \cdot W_s$$

This procedure is used directly to estimate total weekly inputs to refin products, the preceding procedure is followed separately for refinerles, buby summing over establishment types.

Weekly Imports data are highly variable on a company-by-company basis smoothed ratio has been developed. The estimate of weekly imports is t values and estimates for shipments from Puerto Rico. Imports of other licensed products because of coverage differences between the monthly imports of coverage differences between the monthly imports.

Explicit imputation is done for companies which do not respond in ϵ smoothed means of recent reports from the specific company.

Response Rates

The response rate as of the day after the filling deadline is about 80 percent for the EIA-802; 80 percent for the EIA-803; and greater than 91 received the next day, bringing the final response rates up. Late responder companies report on time. The nonresponse rate for the published estimate

Appendix B. INTERPRETATION AND DERIVATION OF AVERAGE INVENTORY LEVELS

The national inventory (stocks) graphs for total petroleum products, crude oil, motor gasoline, distillate fuel oil, and residual fuel oil in this publication include features to assist in comparing current inventory levels with past inventory levels and with judgments of critical levels. Methods used in developing the average inventory levels and minimum operating levels are described below.

Average Inventory Levels

The charts displaying inventory levels of total petroleum products (p. 7), crude oil (p. 7), motor gasoline (p. 9), distillate fuel oil (p. 11), and residual fuel oil (p. 13) provide the reader with actual inventory data compared to an "average range" from the most recent 3-year period running from January through December or from July through June. The ranges are updated every six months in March and October. The 3-year period is adjusted by dropping the oldest 6 months and including the most recent 6 months. The ranges also reflect seasonal variation determined from a longer time period. The seasonal factors, which determine the shape of the upper and lower curves, are updated annually in October, using the most recent year's final monthly data.

The monthly seasonal factors are estimated by means of a seasonal adjustment technique developed at the Bureau of Census (Census X-11). The seasonal factors are assumed to be stable (i.e., unchanging from year to year) and additive (i.e., the series is deseasonalized by subtracting the seasonal factor for the appropriate month from the reported inventory levels). The intent of deseasonalization is to remove only annual variation from the data. Thus, deseasonalized series would contain the same trends, cyclical components, and irregularities as the original data. The seasonal factors for total petroleum (crude and products), crude oil, distillate fuel oil, and residual fuel oil were derived using monthly data from 1976-1982. For motor gasoline, the seasonal factors were based on monthly data from 1976 and 1978-1982. In 1977, monthly stock levels of motor gasoline stayed at the same high level for the entire year. Since there was virtually no seasonal behavior in motor gasoline stocks that year, 1977 was not used in the determination of seasonal patterns for motor gasoline stocks.

After seasonal factors are derived, data from the most recent 3-year period (January-December or July-June) are deseasonalized. The average of the deseasonalized 36-month series determines the midpoint of the deseasonalized average band. The standard deviation of the deseasonalized 36-months is calculated adjusting for extreme data points. The upper curve of the "average range" is defined as the average plus the seasonal factors plus the standard deviation. The lower curve is defined as the average plus the seasonal factors minus the standard deviation. Thus, the width of the "average range" is twice the standard deviation. The values of the upper and lower curves are presented in the table below.

Values of Average Ranges in Inventory Graphs (Millions of Barrels)

	Jan	Fab	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			-	<u></u>		Lower R	ange					
Total Petroleum Crude Oil Motor Gasoline Distillate Fuel Oil Residual Fuel Oil	1121.1 350.1 244.8 144.5 59.5	1075.5 348.5 247.7 115.4 51.1	1071.2 355.8 245.2 103.8 50.9	1076.5 359.5 235.8 102.5 51.2	1089.1 356.4 226.4 111.6 55.9	1102.3 356.3 221.3 126.1 53.7	1129.4 354.7 221.3 147.1 55.9	1146.1 346.9 218.6 167.7 56.9	1167.8 346.5 219.4 184.1 61.8	1174.1 354.6 214.2 189.0 65.0	1177.0 353.9 221.4 188.7 65.6	1141.0 344.0 227.9 170.9 65.0
						Upper R	ange					
Total Petroleum Crude Oll Motor Gasoline Distillate Fuel Oll Residual Fuel Oil	1292.0 377.7 276.0 191.0 82.4	1246:5 376.1 278.9 161.8 74.1	1242.1 383.4 276.4 150.3 73.9	1247.4 387.2 267.0 149.0 74.2	1260.0 384.1 257.6 158.1 78.9	1273.2 383.9 252.6 172.6 76.7	1300.3 382.3 252.5 193.6 78.8	1317.1 374.6 249.8 214.2 79.9	1338.7 374.1 250.6 230.5 84.8	1345.0 382.2 245.4 235.5 88.0	1347.9 381.5 252.6 235.2 88.6	1311.9 371.7 259.2 217.3 88.0

Minimum Operating Levels

The lines labeled "minimum operating inventory" for crude oil, motor gasoline, distillate fuel oil, and residual fuel oil were derived by the National Petroleum Council from a 1978 survey of petroleum refineries, bulk terminal operators, and petroleum pipelines. The Council also surveyed industry experts. The findings were published in "Petroleum Storage and Transportation Capacities" in December 1979. In that document, minimum operating inventory is described as follows:

Inventory below this level is not available for consumer use because it is required to fill pipelines, tank bottoms and refinery process equipment; facilitate blending to meet the product specifications; prepare for planned maintenance periods; handle unavoidable but anticipated emergencies; and sustain uninterrupted operations. Runouts and shortages would begin to occur if inventory were to fall below this level.

The values were: crude oil -- 290 million barrels; motor gasoline -- 210 million barrels; distillate fuel oil -- 125 million barrels; and residual fuel oil -- 60 million barrels.

Since the National Petroleum Council did not derive a minimum operating inventory level for total petroleum stocks, the line labeled "observed minimum" is based on the lowest inventory level observed during the same 3-year base period that was used in the derivation of the average inventory levels. For crude oil, motor gasoline, distillate fuel oil, and residual fuel oil, the observed minimum and the minimum operating inventory are quite close. Hence, it is thought that the observed minimum is a reasonable proxy for the minimum operating inventory.

Appendix C. PROJECTION OF PRODUCT SUPPLIED FROM THE AUGUST 1983 SHORT-TERM ENERGY OUTLOOK

The projections of "high" and "low" total petroleum demand, shown in the WPSR as total product supplied, are from the Office of Energy Markets and End Use, Short-Term Energy Outlook (Outlook), August 1983.

The three forecast cases presented in the <u>Outlook</u> are based on differing assumptions about the growth of the U.S. economy and the associated price of imported crude oil to U.S. refiners. In the high economic growth case, it is assumed that the price of imported crude oil falls to \$25 per barrel by the beginning of 1984 and remains at that level through the forecast period. In the base case, it is assumed the average cost for imported crude to U.S. refiners remains at \$29 per barrel. In the low economic growth case, it is assumed that imported crude oil prices rise at twice the U.S. rate of inflation.

The "high-demand" case shown in the figure is formed by adding the high economic growth forecast of total demand to the square root of the sum of the squares of the increases in demand that result from the following changes in key variables: (1) a 10-percent increase in heating degree-days over the base case in the first and fourth quarters (heating season) in the forecast period and (2) a 15-percent increase in cooling degree-days over the base case in the second and third quarters. The "low demand" case is formed by subtracting from the low economic growth forecast the square root of the sum of the squared decreases in demand resulting from decreases from the base case assumptions for heating degree-days and cooling degree-days that are equal in magnitude (but opposite in sign) to the changes in the "high demand" case.

For detailed information on the forecast, please refer to the published report, Short-Term Energy Outlook, August 1983.

Copies of the report are available from:

National Energy Information Center Room 1F-048, Forrestal Building 1000 Independence Avenue, S. W. Washington, D. C. 20585 Telephone 202-252-8800

Appendix D. CHANGE IN 1983 WEEKLY PETROLEUM STATUS REPORT SERIES

Some data series presented in the 1983 issues of the Weekly Petroleum Status Report (WPSR) are different from 1982 WPSR data series. The differences, which are discussed below, are the result of changes made in the 1983 weekly data collection forms of the Petroleum Supply Reporting System, a change in estimation methodology, and changes in the sample frame.

Changes from Data Forms

In 1983, weekly petroleum supply forms collect data for finished motor gasoline production, stocks, and imports. This change means that the components of 1983 WPSR motor gasoline product supplied estimates are definitionally the same as the components of the monthly product supplied estimates calculated from monthly data. In 1982, weekly forms combined imports of motor gasoline blending components with finished motor gasoline imports in a single category: total motor gasoline imports. In 1983 imports of motor gasoline include finished product only. In 1983, weekly forms include imports of motor gasoline blending components in other oils imports, In the 1983 WPSR publication, the monthly other oils series for 1981 and 1982 (see p. 15) includes imports of motor gasoline blending components. In 1982, imports of motor gasoline blending components averaged 39 thousand barrels a day and ranged between 19 and 50 thousand barrels per day.

Kerosene production and stocks reports are not collected on 1983 weekly forms. Consequently, in 1983, the weekly other oils stocks estimate (pgs. 3 and 6) includes kerosene. Other oils product supplied, which is calculated for the WPSR as the difference between total product supplied and the product supplied estimates of listed products, is larger in 1983 because it includes kerosene product supplied, which can no longer be calculated from weekly data (see p. 16). Kerosene stocks in 1982 ranged between 8.8 and 10.4 million barrels. The values of kerosene product supplied averaged 128 thousand barrels per day in 1982.

Change in Methodology

In 1983, reports of crude oil used as fuel on leases are treated as reports of crude oil product supplied, a new product supplied category. Before 1983, crude oil used in this fashion was reported as a use of distillate fuel oil or residual fuel oil and was included in the respective product supplied calculations. Weekly estimates for product supplied made in 1983 do not include estimates for these quantities and are compared in the U.S. Petroleum Balance (p. 3) to recast 1982 data. The monthly series for 1981 and 1982 shown on p. 16 are the quantities originally calculated and published including crude oil used as fuel. In 1982, the quantities of crude oil used directly in the distillate fuel oil product supplied and residual fuel oil product supplied calculations averaged 10 thousand barrels per day and 48 thousand barrels per day, respectively.

Change in Stock Basis

The list of operators of bulk terminals, pipelines, and crude stock holders required to report each month about crude oil and petroleum product stocks was updated in a regular review of the petroleum supply reporting frame during 1982. (See the article in the Petroleum Supply Monthly, March 1983 for details.) This expansion was first incorporated in monthly data published for January 1983. The new list of operators was also used to select new samples for EIA Forms 801 (bulk terminals), 802 (pipelines), and 803 (crude stock holders) of the weekly petroleum reporting system. The new weekly sample was used for estimation beginning with the week ending April 1, 1983. Estimates for the weeks between the end of January 1983 and April 1, 1983 were rovised to reflect the contributions of the new frame members. The revisions were done by using information about the stocks held by the new and old reporters on December 31, 1982. The table below shows the new-basis stock levels for December 31, 1982 which can be compared with the old frame stock levels shown on the respective pages of the WPSR. The new-basis stocks of crude oil and petroleum products, including the Strategic Petroleum Reserve, are 2.2 percent greater than the old basis stocks.

New Basis Stock Levels for Crude Oil and Petroleum Products, December 31, 1982

	Percent Increase	U.S. Total	PAD 1	PAD 2	PAD 3 nousands of Barrel	PAD 4	PAD 5
Crude Oil Total Motor Gasoline Finished Gasoline Blending Components Naphtha-Type Jet Fuel Kerosene-Type Jet Fuel Oistillate Fuel Oil Residual Fuel Oil Unfinished Oils Other Oils	0.0 ¹ 3.8 4.1 2.0 26.9 2.6 3.9 3.1 0.0 7.1 2.2 ¹	643,871 244,279 202,537 41,742 7,189 32,001 185,579 68,229 105,277 175,592 1,462,017	17,550 69,397 64,116 5,281 1,384 9,626 84,681 35,686 13,656 22,073 254,053	78,556 67,135 57,903 9,232 1,310 7,310 48,221 5,383 17,784 49,714 275,413	453,697 68,016 51,182 16,834 2,367 9,004 34,921 16,698 46,209 90,142 721,054	13,491 8,559 6,086 2,473 349 638 4,051 634 2,686 3,757 34,165	80,577 31,172 23,250 7,922 1,779 5,423 13,705 9,828 24,942 9,906 177,332

¹ Calculated Including stocks of crude oil in Strategic Petroleum Reserve (293,827 thousand barrels on December 31, 1982).

Appendix E. CALCULATION OF WORLD OIL PRICES (page 19)

The weighted average international price of oil, shown in the "Highlights" and on page 19, is an average calculated using specific crude oil prices weighted by the estimated crude oil export volume for each oil-producing country. To develop the table shown on page 19, a list of major oil producing/exporting countries was chosen. For each country, the official selling price of one or more representative crude oils was determined by investigating a number of industry publications (i.e., "Oil Buyers' Guide," "Platt's Oilgram Price Report," "Petroleum Intelligence Weekly," and "Europe Oil Prices") and by contacting oil market analysts.

Then, the appropriate crude oil volumes to be used as weighting factors for each country were determined. These volumes are estimates based on a number of sources which provide data on production, consumption, and exports for these countries. Export volumes for a number of smaller producing/exporting countries, not listed in the table, are included in the weighting factors. After the export volumes had been determined, simple mathematical weighted averages were calculated to arrive at the "Total OPEC," "Total Non-OPEC," and "Total World" prices.

The average United States (FOB) import price is derived by the same basic procedure as the world oil price, that is, taking the representative official crude oil price of a specific crude oil from a particular country and weighting this price by a certain volume of crude oil. In this case, the weighting factors are the volumes of crude oil imported into the U.S. from pertinent countries. Import volumes from a number of smaller producing/exporting countries, not listed in the table, are included in the weighting factors.

Both the import and export volumes are preliminary. Due to their origin, these estimates cannot be fully verified. These volumes are updated monthly, or more frequently when changes in oil market conditions make updating appropriate.

Glossary

- Barrels, 42-gallon barrels.
- Crude Oil. A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Lease condensate and drips are included but topped crude oil (residual) and other unfinished oils are excluded.
- Crude Oil Input. The total crude oil put into processing units at refineries.
- Distilfate Fuel Oils. Includes No. 1, No. 2, and No. 4 fuel oils, and No. 1, No. 2, and No. 4 diesel fuels. These are light fuel oils used primarily for home heating as a diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and for electric power generation.
- Gross Inputs. The crude oil, unfinished oils, and natural gas plant liquids put into distillation units.
- Imports. Unless otherwise specified in this report, refers to gross imports. Imports of minor products ("other oils") include aviation gasoline, kerosene, unfinished oils, liquefied petroleum geses, plant consentate, petrochemical feedstocks, lube oils, waxes, special naphthas, coke, asphalt, blending components, and other miscellaneous oils.
- Jet Fuel. Includes kerosene-type jet fuel and naphthatype jet fuel. Kerosene-type jet fuel is a kerosene quality product used primarily for commercial turbojet and turboprop aircraft engines. Naphtha-type jet fuel is a fuel in the heavy naphthas range used primarily for military turbojet and turboprop aircraft engines.
- Motor Gasoline. Finished leaded gasoline, finished unleaded gasoline, and blending components in the gasoline range. Production and imports data represent finished leaded gasoline and finished unleaded gasoline. Stocks data consist of the two types of finished gasoline and blending components. Stock change used in the calculation of motor gasoline product supplied is the change in finished motor gasoline stocks. Imports of motor gasoline blending components are contained in other oils imports.
- Operable Capacity. The maximum amount of input that can be processed by a crude oil distillation unit in a 24-hour period, making allowances for processing limitations due to types and grades of inputs, limitations of downstream facilities, scheduled and unscheduled downtimes, and environmental constraints. Includes any shutdown capacity that could be placed in operation within 90 days.
- Product Supplied. A value calculated for specific products which is equal to domestic production plus net imports (imports less exports), less the net increase vcks. Total products supplied is calculated in the case of the carbon input, plus product sports, less the net increase in a shown for "Other Oils" provence between total property public values for speciproduct supplied incorupplied and reclassified
 - Oil. The average ooked into their nting procedures and historically omestic crude oil tates or from the 43 USC Section rude oil which is is the weighted orted crude oil.

- Refinery Capacity Utilization. Ratio of the total amount of crude oil, unfinished oils, and natural gas plant liquids run through crude oil distillation units to the operable capacity of these units. In the period 1979-1982 the refinery capacity utilization for all U.S. refineries ranged between 87 percent and 65 percent. The ratio for an individual refinery may fluctuate much more depending on the type of crude and other raw materials processed, the type of products produced, and the operating conditions of the refinery.
- Residual Fuel Oils. Includes No. 5 and No. 6 fuel oils which are heavy oils used primarily for electric power generation, for industrial and commercial space heating, as a ship fuel, and for various industrial uses.
- Retail Motor Gasoline Prices. Motor gasoline prices calculated each month by the Bureau of Labor Statistics (BLS) in conjunction with the construction of the Consumer Price Index (CPI). These prices are collected in 85 urban areas selected to represent all urban consumers—about 80 percent of the total U.S. population. The service stations are selected initially, and on a replecement basis, in such a way that they represent the purchasing habits of the CPI population. Service stations in the current sample include those providing all types of service (i.e., full-, minl-, and self-service).
- Stocks. For individual products in WPSR, quantitles held at refineries, in pipelines, and at bulk terminals with a capacity over 50 thousand barrels. Stocks held by product retailers and resellers, as well as tertlary stocks held at the point of consumption, are excluded. Stocks of individual products held at ges processing plants are excluded from individual product estimates but included in "Other Oils" estimates and "Total."
- Stock Change (Refined Products). Component of Product Supplied calculation shown on U. S. Petro-The product stock change shown leum Balance, on the U.S. Petroleum Balance Sheet for the current 4-week period is calculated in the following way: an average daily stock change is calculated for major refined products (i.e., all actual reported stocks); this stock change is added to an estimate for minor product stock change based on historical monthly data; a daily everage stock change for refined product stocks for the 4-week period is then calculated. To calculate minor product stock change, the stock levels shown for other oils in the stock section of the balance sheet are used. These other oils stock levels are derived by: 1) computing an average daily rate of stock change for each month based on monthly data for the pest six yeers; 2) using this daily rate and the minor stock level from the most recent monthly publication to estimate the minor product stock level for the current period.
- Unaccounted-for Crude Oil. Term which appears In U.S. Petroleum Balance Sheet. It reconciles the difference between data (or estimates) about supply and data (or estimates) about use. Its value can be positive or negative since it is a balancing term. As it appears in the monthly publications, it reflects the accuracy of the reported date on crude oil imports, production, stocks, refinery input, losses, exports, and transfers (crude oil burned directly as fuel oil). It reflects the quality of the estimates as well as the accuracy of the reported data. Because the unaccounted for crude oll figure reflects the accuracy of reported and estimated figures, one would expect the figure to be larger in balances using preliminary or estimated data and smaller in balances using the final data. In fact, the published figures confirm this expectation. In the WPSR, four-week averages for the previous year are interpolated from final monthly data, so that the unaccounted-for crude oil value for the previous years is considerably smaller than that for the current period.
- United States, For the purpose of this report, the 50 states and the District of Columbia. Data for the Virgin Islands, Puerto Rico, and other U.S. territories are not included in the U.S. totals.